DELO-PHOTOBOND and DELO-DUALBOND are one-component acrylic resins that can be cured by radiation in the visible spectrum of the light. The products cure to their final strength within a few seconds by exposure to UVA light or visible light (VIS). DELO-DUALBOND products can additionally be cured by heat or air humidity. This is beneficial where the adhesive is not or only insufficiently accessible to light, for example in shadowed areas. The use of DELO-DUALBOND adhesives in the field of glazier’s work, including window and facade construction, is of particular building technique which must be satisfied by the user themselves.

**Standard temperature range:**
DELO-PHOTOBOND and DELO-DUALBOND acrylics are normally used in a temperature range of +45 °C to +120 °C. Every product properties depend on the temperature and can permanently change. Therefore, the user must always consult the technical data sheet for the respective adhesive for the intended temperature range of use. Care must be taken regarding the application before use. You can find more details on the behavior of the products under the influence of elevated temperatures in the respective technical data sheet.

**Processing:**
The products are supplied ready for use and can be processed directly from the original container or with dispensing units. You can find more details in the DELO equipment brochure.

**Storage life:**
DELO-DUALBOND products are suitable for use from 2 months to 12 months, depending on the storage conditions of the respective adhesive of the intended temperature range of use. You can find further information in the technical data sheet.

**Further information:**
For optimal results, the surfaces to be bonded must be free of oil, grease, separating agents and other contaminants. Adhesives can be improved by suitable pretreatment methods, such as sand blasting, fuming or plasma or corona treatment. For the cleaning of glass, DELO-Ready® cleaner has proved to be effective.

**Cleaning of glass:**
DELO-Then® EP cleaner has proven to be efficient. Components bonded with DELO-DUALBOND can be quickly fixed by light curing. Alternatively, complete curing is achieved by heat or air curing.

**Surface pretreatment:**
For optimal adhesion, the surfaces to be bonded must be free of dirt, oil, grease and separating agents or other contaminants. Adhesives can be improved by suitable pretreatment methods, such as sand blasting, fuming or plasma or corona treatment. For the cleaning of glass, DELO-Ready® cleaner has proved to be effective.
Our selection charts are a technical selection aid giving an overview of various product variants. We will be pleased to provide you with sales details, such as available container sizes, stock availability and minimum order quantities, on request.

The data and information provided are based on tests performed under laboratory conditions. Reliable information about the behavior of the product under practical conditions and its suitability for a specific purpose cannot be concluded from this. It is the user's responsibility to test the suitability of the product for the intended purpose by considering all specific requirements. Type, physical and chemical properties of the materials to be processed with the product, as well as all actual influences occurring during transport, storage, processing and use, may cause deviations in the behavior of the product compared to its behavior under laboratory conditions. All data provided are typical average values or uniquely determined parameters measured under laboratory conditions. The data and information provided are therefore no guarantee for specific product properties or the suitability of the product for a specific purpose. Verbal ancillary agreements are deemed not to exist.

Curing with UV light or visible light in the specific wavelength range. DELOLUX LED curing lamps are especially suitable as per the chart below. All standard DELOLUX HID lamps are also suitable.

### Curing lamps

<table>
<thead>
<tr>
<th>Lamp type</th>
<th>DELOLUX 8I DELOLUX 8L DELOLUX 20</th>
</tr>
</thead>
<tbody>
<tr>
<td>DELO-PHOTOBOND GE310</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND GE345</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND GE500</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND GE650</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND GE950</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND AE456</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND AE460</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND AE480</td>
<td>++</td>
</tr>
<tr>
<td>DELO-PHOTOBOND AE490</td>
<td>++</td>
</tr>
</tbody>
</table>

### Selection chart

- **DELO-PHOTOBOND**
  - 1-component acrylates
  - UV-curing · UV- and light-curing

- **DELO-DUALBOND**
  - 1-component acrylates
  - light-curing · UV-curing · UV- and light-curing

- **DELO-CA**
  - 1-component methacrylates
  - solvent-free curing

- **DELO-PHOTOBOND GB310**
  - ++
  - –
  - –

- **DELO-PHOTOBOND GB345**
  - ++
  - –
  - –

- **DELO-PHOTOBOND GB368**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND PB437**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND 4494**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND AD491**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND 4436**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND 4442**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND 4468**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND 4496**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND 4497**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND AD414**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND AD494**
  - ++
  - ++
  - –

- **DELO-PHOTOBOND SD496**
  - ++
  - ++
  - –

- **DELO-DUALBOND AD4950**
  - ++
  - ++
  - –

- **DELO-DUALBOND GE4910**
  - ++
  - ++
  - –

- **DELO-DUALBOND AD4930**
  - ++
  - ++
  - –

- **DELO-DUALBOND AD465**
  - ++
  - ++
  - –

### Processingsuggestion

- **Irradiation**
- **Joining**
- **Irradiation**

### Notes

- **++ especially suitable**
- **+ suitable**
- **– not suitable**

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- **DELO-PHOTOBOND**
  - 1-component acrylates
  - UV-curing · UV- and light-curing

- **DELO-DUALBOND**
  - 1-component acrylates
  - light-curing · UV-curing · UV- and light-curing

### Selection chart

- **DELO-PHOTOBOND**
  - 1-component acrylates
  - UV-curing · UV- and light-curing

- **DELO-DUALBOND**
  - 1-component acrylates
  - light-curing · UV-curing · UV- and light-curing

### Notes

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